



Readiness thru Health

U.S. Army Center for Health Promotion and Preventive Medicine

The Sentinel

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Volume 19, No.5

September- October

A vision for prevention

By: BG Patrick Sculley

A year ago in Charlotte, North Carolina, I presented my vision for preventive medicine: Prevention is the core competency of the Military Health Services System, protecting and projecting optimized warfighters who serve the nation's political strategies at home and abroad. Over the past year much has been accomplished to bring that vision to fruition.

My first goal was to shift more assets into prevention. With downsizing and outsourcing of health care, there are many highly talented and qualified people who could be moved into sustainable preventive billets. Though we haven't been entirely successful in this endeavor, the CHPPM has been spared personnel cuts outlined in the Quadrennial Defense Review. Furthermore, the vision, mission, and goal statements of the MHSS clearly indicate that prevention is gaining more prominence as an essential aspect of health services. The fiscal and manpower implications of this paradigm shift may be actuated in the near future.

We have believed that PM cannot be applied onto a mission. Rather PM must be considered in the early phases of the mission just as intelligence and security are. In order to achieve this, PM planners must be a part of the Commander's in Chief staffs. Our first PM planner on a CINC's staff is COL Ed Davis, former Commander of CHPPM-Europe, who was added to the staff of the Central Command Surgeon.

In the past year there have been many opportunities for the CHPPM to collaborate with international allies, governmental and nongovernmental agencies, and entities in the

private sector. Over 178 individuals from CHPPM have supported missions in 29 different lands working in partnership with other Army Medical Department units and other nations.

The CHPPM takes medical intelligence and turns it into health information which can be used by our soldiers, beneficiaries, and civilian workforce. LTC Bill Mahr, previously an analyst at the Armed Forces Medical Intelligence Center, now works in CHPPM's Deputy Chief of Staff for Operations and will be a valuable asset in this arena.

Medical surveillance is the basis of all we do in prevention. The Army Medical Surveillance System is migrating to the Defense Medical Surveillance System. Health Affairs has funded this initiative and the CHPPM has been named the executive agent, and the activity will be staffed with tri-service officers.

The MHSS has elaborated its goals for the future; the number two goal is to build healthy communities. This goal is predicated on the strategy that prioritizes the allocation of prevention and health promotion resources and successfully implements effective programs. Recently the CHPPM drafted a business plan for the proliferation of health promotion and wellness programs; as a result the command was awarded



BG Patrick D. Sculley

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Commander...BG Patrick D. Sculley

Public Affairs Officer...Evelyn B. Riley
Editor... Laura L. Ryan

“Fort Lewis or Bust”

By: LTC Brian J. Commons
Commander, DSA-West

“Nothing is more constant than change.” This well-known axiom is certainly true at DSA-West. Since assuming command of DSA-West in July 1996, the OPTEMPO (operations tempo) has increased dramatically. This is due to many factors, the most visible being the Base Realignment and Closure Commission’s recommendation in 1995 to close what is now known as the U.S. Army Garrison, Fitzsimons (formerly Fitzsimons Army Medical Center), our home as a tenant activity since 1975.

It all began on January 3, 1995, when the President of the United States sent nominations to the Senate to form an eight-member commission under the authority of the Defense Base Closure and Realignment Act of 1990 (Public Law 101-510). This commission, known as the BRAC Commission, had full Federal legislative approval and ultimately identified 132 military installations in the United States for closure or realignment. On February 28, 1995, Fitzsimons Army Medical Center was identified as a candidate site for closure.

The BRAC Commission sent its report to the President on July 1, 1995. On September 28, 1995, Congress failed to disapprove BRAC’s recommendations and allowed the report to become law. The language, as it related to DSA-West, read, “Close Fitzsimons Army Medical Center, except for Edgar J. McWethy Army Reserve Center. Relocate other tenants to other installations.” The issuance of that mission statement set DSA-West in motion to begin the planning and execution to achieve that end.

The DSA-West relocation is considered a discretionary move because the Department of the Army did not direct movement to a specific installation. Therefore, on August 31, 1995, using the results of staff studies, including cost-benefit analyses of several relocation options, then Army Surgeon General, LTG Alcide LaNoue, directed the relocation of DSA-West to Fort Lewis, Washington.

In September 1996, DSA-West produced a discretionary move stationing package in accordance with Army Regulation 5-10 that recommended Fort Lewis, Washington, as the new location per the Commander’s intent. Approval was recommended by Headquarters, Department of the Army, Deputy Chief of Staff for Operations on January 27, 1997. Final approval was granted on February 20, 1997, by the Assistant Secretary of the Army for Installations, Logistics, and Environment. The movement of DSA-West to Fort Lewis was now official.

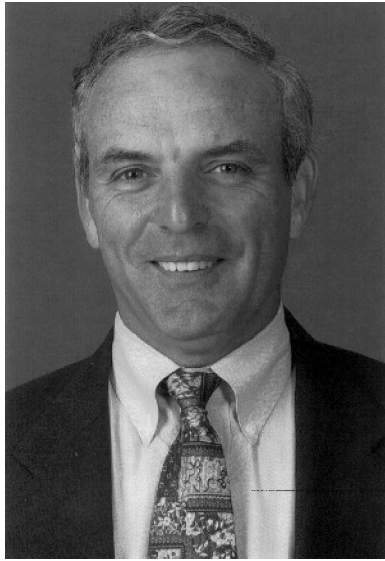
Planning and coordination have continued at a moderate to high OPTEMPO through the middle of Calendar Year 1997. The \$3.15-million, 17,520-square-foot facility that will house DSA-West at Fort Lewis, was submitted for project advertisement in August 1997. Construction should begin in early Calendar Year 1998. I anticipate that the new facility will be ready for occupancy in mid-February 1999.

The DSA-West Environmental Laboratory Division and the Molecular Biology Laboratory section of the Entomological Sciences Division will move to Aberdeen Proving Ground, Maryland, in Fiscal Year 1998. The movement of DSA-West to Fort Lewis, and both laboratories to Aberdeen Proving Ground, involve dozens of continuous staff actions involving virtually every member of this Activity. Total mission awareness is crucial in order to ensure that any potential transition turbulence is invisible to our customers in the 22-western-state DSA-West area of operations.

Application of the fundamentals of operational planning, however, is not enough to execute this multifaceted, many-phased operation. The support of all members of this Activity, working beyond what is normally expected of them in their “everyday” jobs, is crucial. Nearly everyone at DSA-West has, or will be, required to take on additional duties related to the BRAC move.

As the Commander of DSA-West, I am the executive planner for the operation. I have appointed MAJ Michael Dell’Orco as my

(Continued on page 8)



As the new Deputy for Technical Services, **Stephen Kistner** serves as the senior consultant to the Commander on all matters of a scientific,

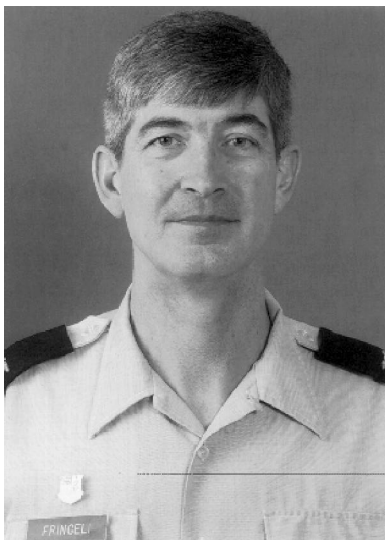
technological, or programmatic nature. He supervises seven technical directorates, and provides technical guidance to the Direct Support Activities, CHPPM-Europe, and CHPPM-Pacific. He interacts with the highest level of Department of the Army, Department of Defense, and Federal, State, and local governments, academia, industry, foreign governments, and the public.

Kistner has been a civilian employee of CHPPM (then the Army Environmental Hygiene Agency) since 1974, where he remained after he completed his military tour. He has also served in the Water Quality Division, first

as project officer then as chief of the Wastewater Management Branch. In April 1989, he became chief of the Hazardous and Medical Waste Program. He was appointed Scientific Advisor in 1991.

He holds a master's degree in environmental engineering and health sciences from Johns Hopkins University. He is a Diplomat of the American Academy of Environmental Engineers, a registered Professional Engineer in the state of Maryland, and an active member of the American Defense Preparedness Association.

He resides in Bel Air with his wife Ginny and three children.



COL Dennis J. Fringeli is CHPPM's new Chief of Staff. He is responsible for directing the execution of staff tasks, the coordinated effort of staff members, and the efficient and prompt response of the staff. The CofS directs the efforts of the Deputy Chiefs of Staff for

Information Management, Logistics, Operations, and Resource Management; certain special staff (Public Affairs, Protocol, and Safety); the Secretary of the General Staff, and the Adjutant. Among his duties are formulating and announcing staff operating policies, ensuring that the Commanding General's decisions and concepts are implemented by directing the staff and by assigning specific responsibility. He also reviews staff actions to ensure that they are adequate, coordinated, and designed to produce the Commanding General's intended results; ensures that subordinate commanders are kept informed of actions that will affect their units; and represents the commander, when authorized.

Fringeli arrived at CHPPM in 1995, where he served as the chief of the Plans, Analysis and Evaluation Office, before becoming Deputy Chief of Staff for Administration.

He graduated from Eastern Kentucky University with a bachelor of science degree in business in 1968. He subsequently received his master of education degree from Georgia Southern College in 1977. His military education includes completion of the Command and General Staff College and U.S. Army War College. He is also a member of the Order of Military Medical Merit.

Fringeli and his wife Linda have two children, Melissa (24) and Matthew (18).



LTC Joan P. Eitzen has been the Director, Health Promotion and Wellness (DHPW) since early June. Previously, she was the Program Manager for Soldier and Family Readiness. She is responsible for leading a matrixed team of military and civilian health care professionals in providing health promotion and wellness

services to beneficiaries worldwide.

There are five services that make up DHPW. The services are: Managed Care, Behavioral Health, Fitness and Nutrition, Evaluation and Outcomes, and Education and Training. The overall mission of DHPW is to deliver a healthy and fit force by integrating health promotion into the total Army through:

- Recommending policy
- Developing and evaluating programs
- Providing training and technical guidance
- Collecting and disseminating information
- Identifying and assessing needs

LTC Eitzen received a Diplomat in Nursing in 1975, a Bachelor of Science Degree in Nursing in 1978, a Master of Public Health Degree in 1989, a Master of Social Work Degree in 1989, a Master of Military Art and Science Degree in 1991, and a Doctor of Philosophy Degree in 1996.

She is married to COL Ed Eitzen, Chief of the Division of Operational Medicine at the United States Army Medical Research Institute of Infectious Diseases at Fort Detrick, Maryland.



LTC (Promotable) Randy Perry is the new Deputy Chief of Staff for Operations.

He comes to CHPPM from the Headquarters of the 30th Medical Brigade, where he served as Sanitary Engineering Staff Officer since July 1994 (eight months of which were spent deployed to Croatia and

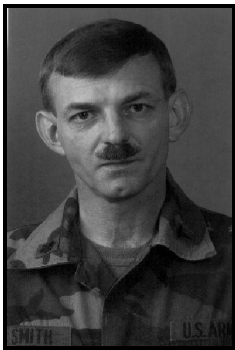
Bosnia). Some of his other assignments include Environmental Science Staff Officer at MEDCOM, Chief of the Preventive Medicine Activity at the Berlin Medical Department Activity, Berlin, Germany, and chief of the Environmental Health Section, Eisenhower Army Medical Center, Fort Gordon, Georgia.

As DCSOPS, his duty is to direct and manage the Office of the Deputy Chief of Staff for Operations, enabling and facilitating delivery of optimal preventive medicine support from CHPPM to the nation's war fighters. His essential job components include enhancement of doctrine, training and readiness planning processes that contribute to the provision of deployment-related health threat assessment, implementation of appropriate field preventive medicine countermeasures, and evaluation of remediation of preventive medicine lessons learned.

He is married to the former Patricia J. Hutchison from Stonehaven, Scotland. They have four children: Kyle, Ross, Kimberly, and Kristin.

LTC Paul Smith replaced

COL Joel Gaydos as Director of Clinical Preventive Medicine recently. His primary responsibilities will be to promote readiness,



quality of life and cost savings/avoidance through preventive medicine consultation and other services in the areas of occupational and environmental medicine, occupational health nursing, hearing and vision conservation, and disease and injury control.

Smith is no stranger to CHPPM, having served as a resident in occupational medicine from 1994 To 1996 and Deputy Director of Clinical Preventive Medicine from September 1996 to July 1997, when he became director.

He is a Diplomat - National Board of Osteopathic Examiners, Licensure Virginia and Missouri; Advanced Cardiac Life Support Provider Certified, board-certified: American Osteopathic Board of Family Physicians, board-certified: American Board of Preventive Medicine, specialty section: occupational medicine; and certified as a Medical Review Officer.

He and his wife Elizabeth reside in Bel Air, Maryland, with their two children: David (18) and Sara Gayle (11).

Health Promotion: The key force multiplier

By: LTC Michael C. Chisick

Staff Officer, Directorate of Health Promotion and Wellness

Nearly 200 health promotion coordinators, community health nurses, preventive medicine doctors, and other health promotion advocates gathered in San Diego, California, from July 28 to August 1 to attend the 8th U.S. Army Health Promotion Conference. Attendees included active duty military personnel, civilians, reservists and National Guard personnel from all the Armed Forces. Attendees came from the United States, Asia, and Europe.

The theme of this year's conference was "Health Promotion: the Key Force Multiplier." The conference, sponsored by DHPW, began with two-day intensive skills training workshops and was followed by three days of plenary and concurrent breakout sessions, vendor displays, and participant competitions for best poster and best oral presentations of ongoing health promotion programs, projects, or research.

The introductory keynote address was delivered by BG Patrick D. Sculley. Other keynote speakers included Dr. James Fries of Stanford University Medical School, coauthor of the widely acclaimed "Taking Care" series of self-help manuals; Michael P. O'Donnell, editor of the American Journal of Health Promotion; and RADM William Rowley, Commander, U.S. Navy Medical Center, Portsmouth, Virginia.

Richard Salazar, Soldier and Family Readiness Program, DHPW, won the second-place award for the best oral presentations on ongoing health promotion projects, programs, or research conducted by conference participants. "The USACHPPM Targeting Health Worksite Wellness Program."

CHPPM also received the second-place award for the best poster presentations on ongoing health promotion projects, programs, or research conducted by conference participants. The winners were Michelle Canham, MAJ Leo Mahony, and COL Bruce Jones, CHPPM, and COL Michael A. Smutok, Natick, Mass., for "The Association of Injury and Physical Fitness: a Study of Male and Female Recruits in Gender-Integrated Army Basic Training."

These awarded features of the conference were representative of an accelerating gravitation toward health promotion as a major component in almost every aspect of the health care system. There was a real air of excitement as conference attendees interfaced with each other and the presenters. The various presentations and breakout sessions provided real impetus toward making Health Promotion the "Key Force Multiplier."

Military News

ARRIVALS

CPT Allen Anthony, CHPPM-Europe
SPC Lawrence Brown, CHPPM-Europe
MAJ Laurie Cummings, COS
SPC Vuong Do, CHPPM-Europe
MAJ Charles Duntley, DSA-North
SSG Tina Ellington, OCO
1LT Reginald Flemming, CHPPM-West
LTC Robert Gum, CHPPM-Europe
LTC Edward Hoedebecke, DEDS
SPC Darin Houfek, DLS
MAJ Lisa Keep, DCPM
CPT Gregory Kimm, DSA-West
LTC Mary Laedtke, DOHS
PV2 Celina Lopez, DSA-West
MAJ Richard Maguire, DCPM
LTC William Mahr, DCSOPS
MAJ Gary Matcek, DOHS
CPT Alex Ornstein, DOHS
MAJ Heidi Overstreet, CHPPM-Europe
MAJ Sharon Pacchiana, PIO
LTC Robert Pipkin, CHPPM-Europe
LTC Peter Rumm, CHPPM-Europe
COL Jose Sanchez, DEDS
MAJ Gregory Vrentas, DCSOPS
PFC Wesley Youmans, DSA-West
CW3 Timothy Weigner, DCSOPS
MAJ Kathleen Wiltsie, DHPW

DEPARTURES

SGT Charles Bailey, CHPPM-Europe
CPT Drew Clemens, DEHE
CPT William Darby, DSA-West
CPT Thomas Delk, DOHS
1LT James Dennett, DSA-North
CPT David Gilbride, DEHE
SSG John Kennedy, DCSOPS
SGT David Morgan, CHPPM-Europe
LTC Bruno Petrucci, DCPM
MAJ William Rice, DCPM
SPC John Spaulding, DLS
LTC Yvonne Tucker-Harris, DHPW
CPT Myranda Vereen, COS
SPC Benjamin Waugh, DLS
SPC Loretta Whitehurst, DOHS

TRANSFERS

1LT Andy Pate, from DEHE to CHPPM-Europe

PROMOTIONS

Christopher Gellasch, DSA-West, to CPT

AWARDS/RECOGNITIONS

Legion of Merit

COL Joel Gaydos, DCPM

Meritorious Service Medal

CPT William Darby, DSA-West
CPT David Gilbride, DEHE
MAJ Heidi Overstreet, CHPPM-Europe

Army Commendation Medal

LTC Ralph Ericson, DCPM
1LT Andy Pate, DEHE
LTC George Young, DTOX

Army Achievement Medal

CPT Edward Dieser, CHPPM-Europe
LTC Ralph Ericson, DCPM
COL Dennis Fringeli, COS
MAJ William Hewitson, DEDS
MAJ Michael McDevitt, DOHS
2LT Rolf Osteraas, CHPPM-Europe
SPC Patrick Peebles, DSA-West
CPT Jeanne Pricer, DEHE

Good Conduct Medal

SPC Lititia Luckett, DSA-West

Congratulations to...

CPL Frederick Culberson, DSA-South, who has reenlisted for another four years.

Correction

In the caption of the photograph on page 13 of the July-August 1997 Sentinel, LTC Brian Commons was incorrectly identified as an EFMB (Expert Field Medical Badge) candidate. LTC Commons already possesses the EFMB.

CHPPM and Lisa Polyak recognized by APG's FWP

By: Laura L. Ryan

CHPPM received Aberdeen Proving Ground's 1997 Federal Women's Program award for the activity most supportive of FWP goals, and Lisa Polyak received the supervisor/manager of the year award at the annual Women's Equality Day Awards Program on August 28 at the Top of the Bay.

According to the nomination, submitted by Anne Gibson and Deborah Austin, CHPPM "continuously encourages female employees to excel and recognizes their contributions in both the scientific and technical fields. Both military and civilian employees earn tangible and intangible awards for excellence. Accolades describing employee contributions are printed in internal and external publications. Extra-agency publications, distributed to customers and higher headquarters, frequently contain articles on employee accomplishments. Most importantly, employees are provided the tools and opportunities to achieve and excel."

Lisa Polyak tied with Gary Holloway of the Army Test and Evaluation command as supervisor/manager of the year. Lisa was nominated by James Wood, Program Manager of Ambient Air Quality Management. According to his citation, Polyak was "recognized for excellence as a supervisor. She has been an excellent mentor,

supporting continued professional development and the Women's Executive Leadership Program. Her

achievements as a role model for women in science and engineering are consistent with the highest ideals of the Federal Women's Program."

Polyak holds a master of science degree in chemical engineering from the Johns Hopkins University and is a strong advocate of graduate education. During the past year, she has supported college courses for two female scientists pursuing advanced degrees. She also supported a female engineer's participation in the Women's Executive Leadership Program.

She is the recipient of numerous awards, including the Joseph Lovell Award, the Commander's Award for Civilian Service, and the Civilian Achievement Medal.



Fort Lewis...

(Continued from page 3)

primary BRAC project manager. His initiative and experience are directly responsible for the outstanding success we have achieved in executing the movement planning to date. MAJ Todd Walker is the point of contact for the laboratory movements; operations that involve the bulk of DSA-West's equipment. Ms. Nanci Adcock is the point of contact for the civilian personnel issues. Personnel issues, and

coordination with the Civilian Personnel Office are especially important to the operation, since 22 of the 40 assigned personnel at DSA-West are civilians.

Never static, always dynamic, we will continue to successfully meet the unique challenges and opportunities presented by the BRAC movement decision, while providing seamless, world-class, customer-focused preventive medicine support in our 22-state area of operations.

Civilian News

ARRIVALS

Gail Barham, CHPPM-Europe
Diane Fenno, DSA-North
Julia Gallagher, DLS
David Gilbridge, DEHE
Roy Hammond, OCO
Carolyn Hart, CHPPM-Europe
James Ito, OCO
Jennifer Keetley, DEHE
Donna Kirkpatrick, DEHE
Carl Lacy, CHPPM-Europe
Haregewien Mismaku, DCPM
Richard Ovington, OCO
Joyce Patrick, CHPPM-Europe
James Pfister, DCSLOG
George Schrenker, DCSLOG
Hasan Shanawani, DCPM
David Tremblay, DCSIM

DEPARTURES

Heather Prenatt, DCSADM
Fran Brown, CHPPM-Europe
Wynelle Templeton, CHPPM-Europe

TRANSFERS

Ralph Rogers, from DOHS to
CHPPM-Europe

AWARDS

Performance Awards

Richard Ancil, CHPPM-Europe
Margaret Battle, CHPPM-Europe
Wes East, CHPPM-Europe
Bettina Eckels, CHPPM-Europe
Ronald Fine, DCPM
Nancy Hammond, CHPPM-Europe
Anthea Landgon, CHPPM-Europe
Jeanee McMillan, CHPPM-Europe
Cindy Pratt, CHPPM-Europe
William Short, CHPPM-Europe
Sherye Thomas, CHPPM-Europe
Roy Wiggin, CHPPM-Europe

Service Awards

Helen DeLosSantos, CHPPM-Europe, 25
years
Connie Eanes, DCPM, 15 years
Mary Gray, DCPM, 15 years
Thomas Helfer, DCPM, 10 years

Sculley....

(Continued from page 2)

\$1.8 million to implement our plan. The CHPPM has been instrumental in developing the "Put Prevention Into Practice" education plan for staff and beneficiaries. We plan to model this program at Fort Bliss, Texas. Additionally, Health Affairs has provided \$1.4 million for health promotion initiatives.

There is a flurry of activity under the

broad umbrella of prevention. The reward for all our hard work is more hard work.

The Army Medical Department, the Department of Defense, and our nation, and our foreign allies are realizing the power of prevention. These players are accepting our credo that preventive medicine is critical to force protection, essential to quality of life, and a fiscal imperative.

Employees earn advanced degree thanks to CHPPM

By: Laura L. Ryan

Christopher Carroll and Vickie Hawkins, Directorate of Occupational Health Sciences, graduated in September with a master of science in environmental science (environmental health specialization) degree from the Drexel University School of Environmental Science, Engineering, and Policy. They were the last to receive a degree through a program instituted between CHPPM and Drexel in 1991.

Six years ago 13 CHPPM and 3 Army Environmental Center employees were selected to participate in a new Drexel graduate program to be conducted at CHPPM after working hours. This new program was funded by the Directorate of Occupational Health Sciences (then the Directorate of Industrial Hygiene) and the Army Environmental Center.

The CHPPM participants were nominated by their supervisor and/or program manager. The Directors of Occupational Health Sciences and Laboratory Sciences made the final selection. Courses included Industrial Hygiene I and II, Toxicology and Human Physiology, Toxicology, Biostatistics, Environmental Health, Radiological Health, Environmental Chemistry, Industrial Safety, Environmental Law, Epidemiology, and Industrial Ventilation.

Of the 16 employees who began the program, only four completed it. (All were CHPPM members.) Dennis A. Morgan, Directorate of Occupational Health Sciences, was the first; he received his master's degree



Photo by Laura L. Ryan

Drexel Graduates - (l to r) Lillian "Lynn" Boyd, Dennis Morgan, Vickie Hawkins, and Christopher Carroll.

in September 1996. Lillian "Lynn" Boyd, Directorate of Laboratory Sciences, was the second, receiving her degree in June 1997.

Morgan, the functional manager for the Occupational Health Management Information System's Health Hazard Information Module, graduated sooner because he elected to write a master's thesis. The other three chose to take three additional courses at Drexel to complete their requirements. This took an additional year, or three terms, whereas writing a thesis required a year or two of research. Boyd elected to take the non-thesis route because she plans to return to school for her Ph.D. or Law degree. She thought taking the courses provided a more knowledgeable foundation in the environmental and occupational areas.

Boyd, a chemist, has been with CHPPM since January 1985. She received her bachelor's degree in chemistry from Chestnut Hill College in Philadelphia, where she

(Continued on page 11)

graduated cum laude. She currently serves as the metals analysis team leader in the Analytical Spectrometry Division. She received her master's degree in environmental science (specialization in environmental health). She also received awards from Drexel in 1993 and 1994 for academic achievement. Her courses were slightly different from the other three, she said, and more suitable to her current job. Her Drexel curriculum included such courses as Fate of Pollutants in Air and Soil, Risk Assessment, and Atmospheric Chemistry, plus an industrial hygiene laboratory course at Johns Hopkins University.

Carroll and Hawkins are industrial hygienists in the Industrial Hygiene Field Services Program. Both took off a year (1995) when Drexel no longer offered courses at CHPPM. Then they decided to drive up to Drexel to finish their degrees, which included taking three additional courses: Risk Assessment, Atmospheric Chemistry, and Environmental Noise. Carroll received his bachelor of science degree from Towson State University in 1981. A year later he came to CHPPM.

Hawkins received her bachelor's degree in general science from Bridgewater College in Bridgewater, Virginia, a church-related school. She has worked as an industrial hygienist since arriving at CHPPM in 1990. She is a recognized

expert within the Army on indoor air quality. Her future plans are to continue working at CHPPM and become certified by the American Board of Industrial Hygiene. She says she plans to spend as much time as possible with her family to make up for those weekends spent studying.

Taking evening courses was difficult for the four students, especially Boyd and Hawkins, mothers of small children.

"Initially, when I returned to school, my youngest son was only eight months old, and my husband was attending the University of Baltimore. He was a full-time student while working full time and completed his studies in December 1995," Boyd said proudly.

All four students are grateful for the opportunity to attend Drexel University.

"I am very grateful to those at CHPPM who supported us in this endeavor," agreed Carroll.

"I would like to thank my work family also for their support," added Boyd. "CHPPM is a great organization, and I am proud to be part of the CHPPM family."

"It has always been and continues to be a pleasure and an honor to work for a fine organization such as CHPPM," Hawkins acknowledged.

Morgan - first graduate of CHPPM-sponsored master's program

By: Laura L. Ryan

In September 1996, Dennis A. Morgan, Industrial Hygiene Management Program, became the first student to complete the master of science in environmental science degree from the Drexel University School of Environmental Science, Engineering, and Policy, through an off-campus program conducted at CHPPM. See the accompanying article for more information on the course and the other participants.

Morgan is an industrial hygienist and the functional manager for the Occupational Health Management Information System's Health Hazard Information Module. He is a specialized

technical expert who uses total quality management principles to integrate Department of the Army user needs to industrial hygiene software and hardware.

Morgan was the first to complete the degree because he chose to write a thesis. In May he presented that thesis "Evaluation of Polychlorobiphenyl (PCB) Exposure Levels During Site Investigation and Environmental Sampling Activities at a Hazardous Waste Spill Site" during a session of the American Industrial Hygiene Conference and Exposition in Dallas, Texas.

(Continued on page 15)

1997 Boy Scout Jamboree

By: Evelyn B. Riley

On the Cover: (Top) CPT Jason Pike teaches scouts about the life cycle of the mosquito. (Bottom) CPT Saporta discusses contamination as the scouts see simulated germs "come to life" under a black light. (Photos by W. Ben Bunker III)



Photo by W. Ben Bunker III

Scouts Marco Olivarez and Trenton Meadows, (not shown, Adam and Aaron Perason) were among the first four scouts to complete the public health merit badge.

The theme of the 1997 National Scout Jamboree, held July 28 through August 5, at Fort A. P. Hill, Virginia, was "Character Counts." Both military and civilian personnel from CHPPM gave support in preparing 35,000 scouts for the 21st century. Personnel administered the Public Health and Insect Study Merit Badges, two of 67 merit badges available to the scouts.

"The Boy Scouts of America are our bridge to the future. Our goal with the scouts was to build an understanding of America's Army," said CPT Eugene Thurman. "We explained aspects

of a soldier's life other than the war fighter. By earning the Public Health Merit Badge, the scouts learned the importance of food safety, water quality, sanitation and hygiene, immunization, and control of communicable diseases. This taught the scouts the principles of public health and preventive medicine - something they can apply to their individual lives."

The Entomological Sciences Division booth at the Merit Badge Midway was visited by an estimated 50,000 scouts and visitors. The Insect Study Merit Badge requirements included observations on an ant colony, raising a mosquito from egg to adult, demonstrating knowledge of insect morphology and integrated pest management, and preparing an identified collection of 50 different insects. Thousands of fact sheets on vector-borne disease topics ranging from information on tick removal and the use of repellents, to recognizing Rocky Mountain spotted fever or ehrlichiosis, were distributed. Over 40,000 cards on personal protection from tick and black widow spider bites were distributed.

Behind the scenes at the Jamboree, CHPPM personnel identified over 1,100 ticks removed from scouts. These ticks were evaluated as potential tick-borne disease vectors using physical and polymerase chain reaction technologies. This information was entered in the U.S. Public Health Service data bank on Jamboree participants and is available for exposure queries.

The following CHPPM personnel participated:
Public Health Merit Badge: CPT Eugene Thurman - team chief, MAJ William Hewitson, CPT Sylvia S. Saporta, 2LT Gregory J. O'Brien, SSG Tina M. Ellington, 2LT Darren C. Spearman, 2LT Caroline M. Kalinowski, and Mr. Jeffrey P. Marquez

Insect Study Merit Badge: Mr. Karl Neidhardt - team chief, MAJ Richard Johnson, CPT Jason Pike, SSG Randy Riggs, Mr. Thomas M. Burroughs, Mr. Tom Harkins, Mr. Benedict Pagac, Ms. Terasa Reville, Ms. Melissa Miller, and Ms. Jennifer Woodie

Laboratory Support: Dr. Anthony Gutierrez, Ms. Judith O'Brien, Mr. Karl Neidhardt, and Ms. Melissa Miller.



(Photo by Mr. Jeffrey P. Marquez)

Scout Moshe Hoffman assists SSG Tina M. Ellington with the wheel designed to encourage participation in the public health merit badge.



(Photo by: Mr. Ben W. Bunker, III)

2LT Darren C. Spearman helps scouts understand some of the health risks associated with smoking.

CHPPM-Pacific soldiers train with paint-ball ammo

By: MSG Brian Carter
NCOIC, CHPPM-Pacific

On July 14, CHPPM-Pacific soldiers concluded a week of quarterly block training at a paint-ball range at Tama Hills Recreation Center in Japan. CHPPM-Pacific schedules a week of training once a quarter. During these "block-training" weeks, a variety of training events take place. Equal opportunity, SAEDA (Subversion and Espionage Directed Against U.S. Army and Deliberate Security Violations), Force Protection, CTT (common task training), OPD (officer professional development) and NCOPD (noncommissioned officer professional development), NBC (nuclear, biological, chemical), and weapon qualification are examples of the in classroom training events that take place.

Additionally, each round of block training has a theme that relates to one of our wartime support missions. During the First Quarter of Fiscal Year 1997 block training CHPPM-Pacific evaluated potential staging areas for troop support and sustainment requirements. The Second Quarter block training developed skills to field a team to monitor radiological contamination in the event of a nuclear accident. During the Third Quarter training, we concentrated on NBC tasks and land navigation at Camp Fuji, at the base of Mount Fuji, as well as certification in first aid and CPR (cardiovascular pulmonary resuscitation).

The Fourth Quarter began with classroom lectures and demonstrations. The soldiers trained each other on building fighting positions, platoon defensive operations, operations orders, and movement to contact. The next day the soldiers were bussed to the U.S. Air Force Tama Recreation Center in Tama Hills, Japan. There they were broken down into teams, equipped with paint-ball

ammunition, air guns, and safety gear. The teams then headed into different directions of the range area and began building their defenses. Fighting positions were dug and camouflaged, sectors of fire were established, operations orders were disseminated, and tactics were planned. Eventually, the order to attack was given to the first team to find and incapacitate the other. The second team was given an order to defend their sector, and the battle was on. Next, the roles were reversed, and finally, both teams were put on the offensive. The soldiers had a lot of fun and learned a lot in the process. They learned that building a good fighting position is vital to survival, that intersecting fires are vital to keeping the enemy at bay, and that teamwork and communication are vital to the accomplishment of the mission.

When the day was done and the soldiers were getting ready to fill in their fighting positions, the staff at Tama Hills was so impressed with the "real" tactics they had witnessed, that they asked that we leave our foxholes in place for their weekend warriors.

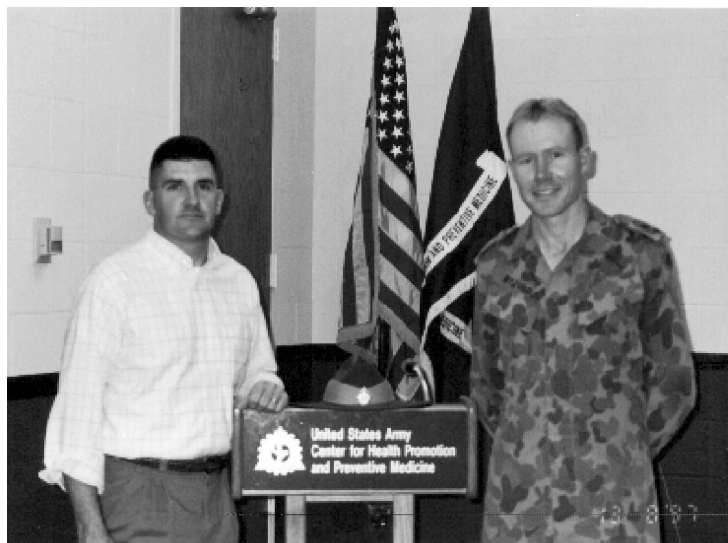


Australian officer visits

Article and Photo by
Linda Patrick

Leftenant Paul Byleveld (right), a Royal Australian Army preventive medicine officer, visited CHPPM August 4-13. He toured many programs to learn the capability of CHPPM and the current technologies used by Army preventive medicine personnel, especially field water supply and treatment technologies.

While on his two-week assignment to CHPPM, he gave an overview on the capabilities of the Australian Army preventive medicine services. He highlighted the similarities in some of the challenges faced by both U.S. and Australian forces, such as field hygiene, food hygiene, water testing, routine health inspections, and advice on water supply.



Byleveld spoke highly of the U.S. military officer working with the Office of the Surgeon General in Australia. Australia is a member of the Four-Nation Consortium (America, Britain, Australia, and Canada). Our royal visitor was sponsored by Mr. Patrick Monahan (left), of the Water Supply Management Program.

Morgan...

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As the HHIM functional manager, he worked with the OHMIS office and contracts to implement HHIM 3.0, the Army's corporate standard for industrial hygiene management software, at more than 90 sites worldwide, on more than 200 portable pen-based computer systems and more than 190 desktop workstation systems. According to Morgan, industrial hygiene professionals use the HHIM to document workplace conditions, manage their health hazard inventory, and provide occupational health physicians and nurses with data that facilitate the assignment of appropriate, exposure-based, medical surveillance.

Morgan's career plans include earning the American Board of Industrial Hygiene's Certified Industrial Hygienist designation, continuing to serve as a full member of the Department of Defense Industrial Hygiene Information Management Taskforce, and serving as a full member of the Joint American

Conference of Governmental Industrial Hygienists/American Industrial Hygiene Association 2nd Conference on Occupational Exposure Databases Organizing Committee.

Morgan's future ambitions do not stop there. He also has his sights set on beginning a doctoral program in public health at the Johns Hopkins University School of Public Health and would also like to pursue a developmental assignment at a governmental regulatory agency.

"I express gratitude and appreciation to Ms. Donna Doganiero, Director of Occupational Health Sciences; LTC(Ret) Jim Evenden, previous Director of Industrial Hygiene; COL (retired) Bill Kavanagh, former Director of Laboratory Sciences, for funding the graduate program; and to Mr. Steve Graham, Ms. Sandy Monk and Dr. Michael Gealt for their support and encouragement," he said.

Morgan resides in Foxridge, Maryland, with his wife Shalini and daughter Priyanka, where they serve the community as life members of the Gujarati Samaj Indian Cultural Organization of Baltimore.

CHPPM achieves ISO 9000 registration

In the summer of 1996 the Directorate of Laboratory Sciences committed to achieving International Standards Organization (ISO) 9000 registration. It has now attained that goal with the recent official notification of the registering authority. This places them in a unique position among Department of Defense environmental and occupational health testing laboratories: they are the first to achieve ISO 9001 registration. This is also rare in the private sector; only a few commercial environmental testing laboratories hold ISO registration.

DLS was already compliant with ISO Guide 25, Competence of Calibration and Testing Laboratories, and held accreditation through the American Association for Laboratory Accreditation, the American Industrial Hygiene Association, the National Lead Laboratory Accreditation Program, and the National Voluntary Laboratory Accreditation Program and was certified for environmental analysis in more than 40 U.S. states. The laboratory performs sample analysis on air, water, soil, biological and clinical samples, conducts novel method development, and provides special laboratory science services. Their work provides information essential to the environmental and occupational health assessment mission in support of Army readiness.

The ISO 9000 series is the internationally recognized standard for quality management systems in business and industry. It was developed in the 1980s and consists of a series of three individual, but related, international standards on quality management and quality assurance (ISO 9001, 9002, 9003). Its official title is "ISO 9000 for Quality Systems - Model for Quality Assurance in Design, Development, Production, Installation and Servicing." They are generic standards and not limited to any particular products, services, or industries. They can be used by commercial concerns and governments alike. These standards were developed as an aid to establishing and

documenting effective quality system elements and to provide a measure of compliance with a quality standard.

ISO 9001 is the most comprehensive of the series; it covers process design and development as well as production, installation, inspection, and testing of goods and services.

Corporations around the globe have built and continue to build their quality systems around these standards. Both large and small companies with international businesses perceive the ISO 9000 series as a route to open markets and increased effectiveness/efficiency and improved competitiveness. ISO 9000 registration is gaining international acceptance as the hallmark of quality system achievement.

LTC Douglas Rinehart, Director, Laboratory Sciences, is very proud of his group's achievement. "With our prior accreditations and certifications, we obviously had extensive experience in working within an effective quality system before the ISO 9000 effort," he said. "But this was something new and unknown, and we accepted a degree of risk in setting a goal to become registered. Thanks to the efforts of all DLS members, the support of our Commander, BG Patrick Sculley, and the assistance of the Center's ISO 9000 Committee, we were successful."

Although DLS was the first at CHPPM to pursue and attain ISO 9001 registration, other areas are working toward compliance and/or registration with the ISO standards.

CHPPM recently received their official ISO 9001 registration certificate. This certificate will be proudly displayed at the entrance to the Directorate of Laboratory Sciences, Building 2100, and a copy of the certificate will also be displayed in the lobby of our Headquarters, Building 1930. Congratulations to all who contributed to this significant accomplishment!